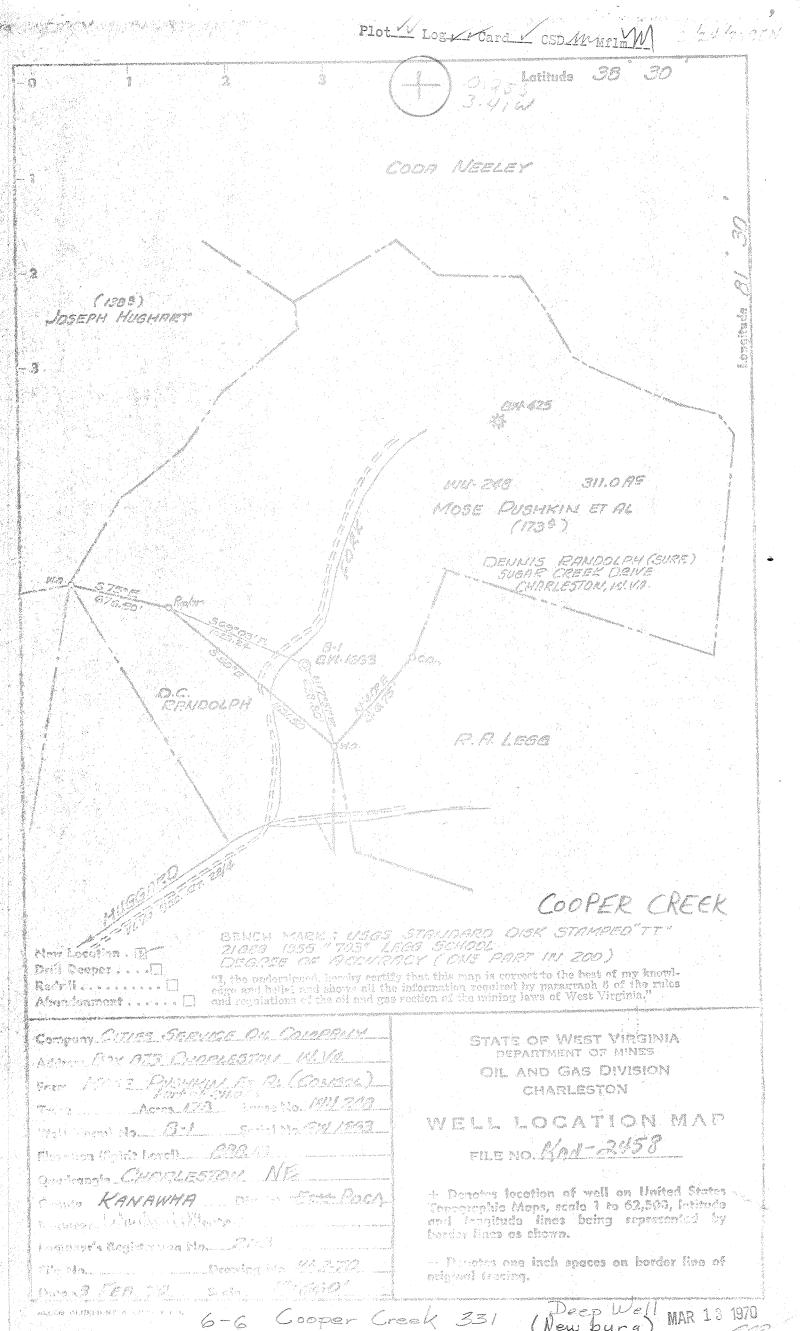
JUN 21 1974





### STATE OF WEST VIRGINIA DEPARTMENT OF MINES 2 OIL AND GAS WELLS DIVISION

rangle.	C	ha	rle	sto	n	
		ATAT	· ~ .	0 -		

## WELL RECORD

Rotary	$\mathbf{x}$		
Spudder			
Cable Too	ls 🔲		
Storage			·
Oil or Cas	Wall G	as)	

mit No. KA	N-2458	a transpalation	VI VI Dreamen, Illipende Illimente	E II DOUBLE AND A STAN IN AT AND ADDRESS.		Oil or G	as Well ( Gas / Kind)
- T		Oil Compan		Casing and Tubing	Used in Drilling depth set	Left in Well	Packers
		ston, W. Va.		Size	MCPHI 3CL		
		al			***************************************		Kind of Packer
		Fork		16 13 <sup>3</sup> /8''48#	75'	751	none
		3					
		CountyKana		10		10261	Size of
surface of tra	ct is owned in fe	e by Dennis R	andolph	81/4 11 24#		1936'	Andrew State
gar Creek	Dr.	ddress Chas. W	% Trust & Trustees ston, W. Va.	5-1/2" xxxxxx6 17#			Depth set
neral rights are	owned byR.	lawna bank. Ise Pushkin,	Trustees	xx3/x6 17#	5744	5744	
ider M. Pi	ıshkin Tr.	ddress Charle	ston, W. Va.	41/2			
				3			Perf. top
				23/8"4.7#	5822'	58221	Perf. bottom
			0	Liners Used			Perf. top
		5				and the second second	Perf. bottom
				Attach copy of c			
			Inch		<del></del>		No Et
			Inch				No. FtDate
							<u></u>
			hrs.	•	· ·		side
			bbls., 1st 24 hrs.				FRET 48 INCHES
	,		1				FEETINCHES
				FEE	TINC	HES	FEET INCHES
ELL FRACTU	RED (DETAILS	5)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
			77 000				2.00
SULT AFTER	TREATMENT	(Initial open Flow	or bbls.)(15,000	) MCF/D Ne	wburg (4 p	oint test	15,600,000
CK PRESSUR	E AFTER TRE	ATMENT	72	HOURS 19	78# D. W.		
ducing Sand	(New	burg Sand)			Depth (5802	-22-)per	electric logs
erwo-concessored printing particle trace and analysis of the concessored trace and the concessored trace and the concessor of		Hard or		-	Oil, Gas		
Formation	Color	Soft	Тор	Bottom	or Water	Depth	EMBROS X
I and San	đy Lime		0	70			
d Rock			70	130			
ıd			130	190			
ndy Lime			190	500			
aI			500	504	+		
ndy Lime			504	565			
ile w/str	incers		565	982			
	rngers	٠	982	1470			:
id .							
le .		t -	1470	1484			
ndy Lime			1484	1538			
g Lime	Party Control of the		15.38	1746			
ale	ST-College		1746	1788			
g Injun	T. C.		1788	1830			
ale		<i>i</i> .	1830	4890			
onđaga Li	ime		4890	500Ø			
iskany Sa	nd		5000	5010			
me		-	5010	5807			
wburg Sa	nd.		5807	5815			
	ale McK	710	5815	5845			
in and of	TI MEN	EAZIE					
#h 1 - # + L				58451 D-	llers' Mea	s	
tal depth-	0 (mg mgg / mg			Constant of the Constant of th	dwell's Me	- 17 · 18 · 17 · 17 · 18 · 18 · 18 · 18 ·	areta en la companya de la companya
		La grander		- 202A, TIL	aweirs Me	The Th	PARION
ectic Log	sshow	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				11.	CUELVEIN
iondaga			4890	1989		د را ا	4-0111
riskany			50021				SEP 4 1970
				5只フラ!			

58221

Formation	Color	Hard or Soft	Тор 📐	Bottom	Oil, Gas or Water	Depth Found	Remarks
CASING RE	CORD	edizionetteizzione menggion glotopen filikionem de promisili (glotorade etxis de plus 20 m p q gloto est			COLUMN STATE OF THE STATE OF TH		
6-8-70	Set and	cemented 1	3-3/8" 48# ]	B-grade H-4	0 casing at	75! with 100	sacks of
		cement. Ce	4.7.3.77	1		rije uzeno konstruira kanada kanad	
6-12-70				[1] Carlotte (1989) in the control of the contro	Barrier St. Co. St.	24# H-40 r	1
		The second secon	囊头 化二氯化氯化甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	Market and the second of the s	Anne i de de	egular ceme bls. gel with	
	circula	tion materia				Centralizer	
-	and 171						
6-17-70						sing (1422' ) 5 sacks of L	of new casing
	Pumpeo	250 bbls. c	f gel with lo	ss circulat	ion material	ahead of ce	ment.
		dulated to su 5, 455' and	1	· 1	<ul> <li>4 (4) (5) (1) (1) (1) (2) (4)</li> </ul>	s at 5, 715',	5, 6271,
. 15 70							D-W 9001
6-16-70	1	Oriskany 5,	1	le D. P. Top	olo: Onondaga	a by Gamma	Ray 4, 890'-
6-20-70	Ran Bii	dwell Gamn	a Ray. Den	sity and Pr	eximity Log	s. Loggers	TD 5.8398.
	i .	g Sand 5,80					
	SALIMAN CONTRACTOR AND THE SALIMAN CONTRACTOR AN	4744 L.			in the state of th	The second secon	and the second of the second o
7-1-70						Howed with n treating p	
		Average tr					acasare a symbol
7-13-70	4 point	test - bottor	n hole absol	lute open flo	15,000 M	GFD. 72 hou	rs SIP
		deadweight.					
	· · · · · · · · · · · · · · · · · · ·	January Barrell					
						100 (4.5% (8.8%))   .	\$P\$ \$P\$ \$P\$ \$P\$ \$P\$ \$P\$
			I .				1
		्रा के सम्बद्धाः स्थापना स्थापना है। स्थापना स्थापना					a dia mandra di sengali. A 1 mangrapa salah
		The second secon			and the second second second		
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	*					:	4 17 4 4 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1
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			5	Alexander 1			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	p					. :	s mekš "i Slavia
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			Management and a fail did did.			PED MILITARIA DE LA CALLA DEL CALLA DEL CALLA DE LA CA	e engist again e engist agains
			Single-Based on the state of th	riben il. 3		Solution and the second	A contract of the contract of
	BOOTPANIALALA						<ul> <li>Specifications</li> <li>Allies Tables</li> </ul>
		1					
- codectivities and coordinate control to the second control to th				1			

Date September 3

APPROVED Cition Service Oil Cumpany

di prime sente a man-		KE-PLUGGING			Sq.
AFFIDAVIT	OF	PLUGGING	AND	FILLING	WEIN

ଟିଫିଲିଆ ଠେଇ.ଞ	STATE OF WES			COMP any	
	OIL AND GAS WE	ELLS DI	VISION	Sr.	
,	AFFIDAVIT OF PLUGGIN	NG IG AN	D FILLING WE	LL ONO	
A Mariana and a second a second and a second a second and	D BE MADE IN TRIPLICATE, ONE CONTINUED (AND EXTRA COPIES OF REQUIRED) ESSORS:	OPY MAILES	O TO THE DEPARTMENT, ONE E MAILED TO EACH COAL OF	COPY TO BE REVIN	DE BY THE
	g & Trust Co.& Rose Pushkir amamakakawamMose Pushkin			Company	WEST.
	ept., Kanawha Banking &  ******** Charleston, WV				25323
- Dessie E. Wolf	e, Single; 113 Va. Hgts		COMPLETE AD September 2	DRESS	81
St. Albans xxxx	Stic, widower; Box 609,		ANETE AND TO	CATION	
DISSOUNTITE MA	V 2018 20 20 20 20 20 20 20 20 20 20 20 20 20		Poca		District
- Juanita Curry 8	& Earl N. Curry; Box 608.		Kanawha	1	~
Sissonvillexxx	KKKKKKKKKKKK WV 25185				County
Marianna St.,	t & Alma D. Hughart, 802  ****** Charleston, WV  1 lessors on attached		No. "B" #1, (		or a manager
st	neet)	For the control of th	Mose Pushki	n, et al	Farm
STATE INSPECTOR	SUPERVISING PLUGGING	**	Martin Nichols	***********************	
	AFFIDA	AVIT			
STATE OF WEST	VIRGINIA,	* # # E			
County of Kan	nawha				
Roy heir a Cree and and	Pulliam, Jr. an	1d	Morris G. E	elcher	
man bental page of the above the CA B for a 22 kg.	orn according to law depose an	nd say th	nat they are experie	enced in the w	ork of
TO SECURE OF THE PROPERTY FOR THE SECOND SECURITY OF THE SECOND S	oil and gas wells and were employer ticipated in the work of plugg	zing and	filling the shows	. 41-4	,
was communiced on	the 26th day of August	, o · · · · · · · · · · · · · · · · ·	19 8I and that	howell	work
and filled in the fol	lowing manner:		, women , and that i	ne wen was p.	ugged
MAND OF YOME RECORD	FILLING MATERIAL	West construction of the c	PLUGS USED	CABI	3.62
\$15.11.68 v 21.128	8-5/8" casing surface to	1914'	ii	CSG	CSQ
1990'	Drilled plugs to 2065'.			PULLED	LEFT IN
±27U	Set Baker cast iron bridge	e plug			Market and the second s
1964' - 1794'	w/2 sx. CalSeal on top. 60 sx. Thixotropic cement	2211	4		TO THE SECRETARIAN AND AND A STATE OF THE SECRETARIAN
	hole w/6% gel.	, gerre	u		· MARINE SINCE AND RECOGNIZED AND ADMINISTRATION OF
800' - 554'	60 sx. Thixotropic cement	· · · · · · · · · · · · · · · · · · ·			and the same of th
5541	Baker cast iron bridge plu				The same specified as a second supplementary and supplementary and supplementary and supplementary and supplementary and supplementary
According to the second	2 sx. CalSeal on top.				TO A Well-one was Manufacture as the Confession of the Confession
	Gelled hole to surface.				
	Welded vented cap onto 8-5	5/8"			The second secon
	casing.				Committee for the summer money to 1744
	The second of the second productions of the second		Aura Aura Aura Aura Aura Aura Aura Aura		and the control of th
		Vo. 46 mm / s area to an interpretation to the state of t			1) 1 Tariff a company afficially define the format activity times may
	- do in the second sec				
(荒石) 20 h - 多,如此 **中間	The second secon		DESCRIPTIO	N OF MONUMENT	
era	monument inscribed wi	ith:	Pushkin B-1, GW-	and account of the section of the contract of the section of the s	Contract on the Section of the Section of
ME)		11	Replugged 8-12-8	The state of the s	CONTRACTOR AT LANCE TO STATE AND ADDRESS.
w.E.)			47-039-2458-P		The control of the co
W.E.)			CSOC		VII. 10 10 10 10 10 10 10 10 10 10 10 10 10
and that the work of	of plugging and filling said wel	ll was c	ompleted on the	31st a	53 7 P
	, 19 81	,	2 . 0	Q	ay of
And further depo	,	,	falli	<u>J</u>	
Swort, to and su	bscribed before me this 2nd	day o	ris H. Beli f. September	10	81 .
My commission expir	res:	C.	Mu N. Olanda	Weg	
			Commissioner	Notary Pub	and Same
My commission expir		day o	luu D. Stuudu Conmissionee	uke.	and a second second



## Oil and Gas Division



# OIL AND GAS WELL PERMIT APPLICATION GAS DIVISION

DEFT OF MINE

Juny

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE January 2, 1981
Kanawha Banking & Trust Co. & Rose Pushk zzzzzzzzzz Trustees-Mose Pushkin Trust	in Company Cities Service Company
Addrerust Dept. Kanawha Banking & Trust Co.	AddressBox 873, Charleston, WV 25323
MinCharleston, WV	Farm Mose Pushkin, et al Acres 311.0
Address Dessie E. Wolfe, Single	Location (waters) Huggard Fork
-Coal 13 Va. Heights, St. Albans, WV	Well No. "B" #1, GW-1663 Elevation 888.13
xxxxxxClarence H. Bostic, widower	District Poca County Kanawha
Box 609, Sissonville, WV 25185  Juanita Curry and Earl N. Curry	Quadrangle Charleston
Address Box 608, Sissonville, WV 25185	
Chester Hughart and Alma D. Hughart	
Chester Hughart and Alma D. Hughart 802 Marianna Stree Charleston, SW (See ad	ditional lessors on attached sneet)
All provisions being in accordance with Chapter 22,  I provisions being in accordance with Chapter 22,  I T	NSPECTOR
	O BE NOTIFIED Martin Nichols
rodrilling 105 Dense 200	ADDRESS P O Box 554, Clendenin, WV
operations have not commenced by 9-21-81;	PHONE 548-4961
GENTIL BIMENION - Oil & Gas Division	
· · ·	e above named farm or tract of land for oil and gas, having fee
Pushkin et al Cities Service	dated 1-22- 19 70 by Kanawha Banking and recorded on the day of
19, in County, Book	
	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLEI	J BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engineer of have been notified as of the above date.	or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or f	notified that any objection they wish to make, or are required liled with the Department of Mines within ten (10) days. *
or coal owners at their above shown respective address	registered mail, or delivered to the above named coal operators  day before, or on the
same day with the mailing or delivery of this copy to the De	partment of Mines at Charleston, West Virginia.
	Very truly yours, Cities Service Company
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Paul D. Phillips
GEOTHIOIGH HOOD DIMESTEL 10.	Well Operator Paul D. Phillips
WEST VIRGINIA GEOLOGICAL AND	Box 873 Operations Manager
ECONOMIC SURVEY  Addres	SS Street
P. O. BOX 879  MORGANTOWN, WEST VIRGINIA 26505  Well Oper	
AC-304 - 292-6331	City or Town
en de de la companya de la companya La companya de la co	W. Va. 25323
	State
notice and plat by the department of mines, to said proposed location,	Department of mines, within said period of ten days from the receipt of the department shall forthwith issue to the well operator a permit reciting perators or found thereto by the department and that the same is approved
	47-039-2458-P -RED PERMIT NUMBER
"I have read and understand the reclamation requirements as set f Chapter 22. Article 4. Section 12-b and will carry out the specified require	forth in
Signed by	

Deep Will

# THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER T	ORE- DRILL	DEEPEN FF	RACTURE-STIMULATE		
DRILLING CONTRACTOR: (	If Known)	RESPONSIBLE AGENT:			
NAME		Paul D. Phillips  NAME Box 873, Charleston, WV 25323			
ADDRESS			· ·		
TELEPHONE		TELEPHONE 304-3	44-8383		
	PLETED WELL: 2050	ROTARY X	CABLE TOOLS		
PROPOSED GEOLOGICAL FO			1		
TYPE OF WELL: OII	GAS X CO	OMB STORAGE	DISPOSAL		
	RECYCLIN	WATER FLO	ODOTHER		
TENTATIVE CASING PROGR.	AM:				
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP		
SIZE	DRILLING	WELL.	OR SACKS - CUBIC FT.		
20 - 16 13 -z/ <del>2</del> 3/8" 48#	75 1	75'			
9 - 5/8			The second of th		
8 - 5/8 <b>24</b> #	1936'	19361	250 sx		
7					
5 ½ 17#	5744*	1604	160 sx		
4 ½					
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top Perf. Bottom		
ADDDOVIMATE EDECH WATE	יים אויים שויים מו	CAIM WAMED	DDDW		
	CR DEPTHS FEET				
	S500				
IS COAL BEING MINED IN T	THE AREA?	BY WHOM?			
TO DRILL:					
SUBMIT FIVE (5) COPIE OF PLAT.	S OF OG - 1, \$100.00 PERMIT	FEE, PERFORMANCE BO	ND AND PERMANENT COPY		
TO DRILL DEEPER OR REDR	ILL:		•		
SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMIT	S OF OG - 1, SHOWING ORIGIN TO 1929, A PERMANENT CO TED.	NAL PERMIT NUMBER AND PY OF THE PLAT AND T	D PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULATE					
and the second of the second o		<u> </u>			
BOND, PERMANENT PLA	ORIGINALLY DRILLED BEFOR	ORD.			
ING ORIGINAL PERMIT N	ORIGINALLY DRILLED ON AN IUMBER, AND PERFORMANCE	D/OR AFTER JUNE 5, 1929 BOND.	FIVE COPIES OG - 1, SHOW-		
	led within ninety (90) days of co	mpletion for bond release.	Inspector to be notified twenty-		
four (24) hours in advance	).				
Auditude Programmer Committee Commit					
		A 1 (M)			
The following waiver must thereof.	be completed by the coal oper	ator if the permit is to be is	ssued within ten days of receipt		
	gent forined and place on our mine mag				
We the	Coal Company h	ave no objections to said we	ll being drilled at this location,		
providing operator ha Code.	s complied with all rules and regul	ations in Articles 4, 5, and 7	, Chapter 22 of the West Virginia		
		Fo	r Coal Company		
			Orficial Title		